Journal of Immuological Methods, 124 (1989) 297–299
Elsevier

Contents to volume 124 (1989)

Number 1 — 13 November 1989

Minireview

The liposome-mediated macrophage 'suicide' technique
N. Van Rooijen (The Netherlands) 1

Research reports

Heterogeneity of granules of murine cytolytic T lymphocytes. Isolation of a homogeneous population of dense granules
P.M. Persechini, C.-C. Liu, P.A. Detmers and J.D.-E. Young (U.S.A.) 7

In vivo depletion of macrophages by desulfated ι-carrageenan in mice
S. Ishizaka, S. Kuriyama and T. Tsujii (Japan) 17

A sensitive enzyme immunoassay for atrial natriuretic polypeptide
H. Watanabe, M. Wakimasu and K. Kondo (Japan) 25

Adherence assay of ^{51}1chromium-labeled human polymorphonuclear leukocyte using glass beads
Y. Kinoshita, M.E. Miller and C.J. Wuest (U.S.A.) 29

Detection and enumeration of immunoglobulin secreting cells
A.J. Schlueter, M. Segre and D. Segre (U.S.A.) 35

A dual expression system for the generation, analysis and purification of antibodies to a repeated sequence of the *Plasmodium falciparum* antigen Pf155/RESA
S. Ståhl, A. Sjölander, P.-Å. Nygren, K. Berzins, P. Perlmann and M. Uhlén (Sweden) 43

Multiple antigen peptide. A novel approach to increase detection sensitivity of synthetic peptides in solid-phase immunoassays
J.P. Tam and F. Zavala (U.S.A.) 53

An improved enzyme-linked immunosorbent assay of anti-collagen antibodies in human serum
K. Fujii, M. Tsuji, K. Murota, K. Terato, Y. Shimozuru and Y. Nagai (Japan) 63

A competition enzyme-linked immunosorbent assay (ELISA) for the measurement of pancreatic GP-2 glycoprotein
F.A. Leblond, B.G. Talbot, I. Lauzon and D. LeBel (Canada) 71

Quantitation of antigen in tissue by immunofluorescence image analysis
J.M. Basgen, T.E. Nevins and A.F. Michael (U.S.A.) 77

A rapid turbidimetric assay of phagocytosis and serum opsonizing capacity
T.W. Kuypers, C.M. Eckmann, R.S. Weening and D. Roos (The Netherlands) 85

The influence of different adjuvants on the immune response to a synthetic peptide comprising amino acid residues 9–21 of herpes simplex virus type 1 glycoprotein D
H.J. Geerligs, W.J. Weijer, G.W. Welling and S. Welling-Wester (The Netherlands) 95

A new membrane permeabilization method for the detection of intracellular antigens by flow cytometry
G. Halldén, U. Andersson, J. Hed and S.G.O. Johansson (Sweden) 103

Comparison of a liquid-phase blocking sandwich ELISA and a serum neutralization test to evaluate immunity in potency tests of foot-and-mouth disease vaccines
C. Van Maanen and C. Terpstra (The Netherlands) 111

Deposition of complement activation products on plastic-adsorbed immunoglobulins. A simple ELISA technique for the detection of defined complement deficiencies
J. Zwirner, E. Felber, C. Reiter, G. Riethmüller and H.E. Feucht (F.R.G.) 121

Isolation of immunoglobulin G by affinity chromatography using an IgG Fc receptor protein from *Streptococcus dysgalactiae* coupled to a solid phase
C. Lämmler and R. Sting (F.R.G.) 131

The effect of storage of antigen-coated polystyrene microwells on the detection of antibodies against *Borrelia burgdorferi* by enzyme immunoassay (EIA)
M.K. Viljanen and J. Punnonen (Finland) 137

Two-step purification of a murine monoclonal antibody intended for therapeutic application in man. Optimisation of purification conditions and scaling up
W. Jiskoot, J.J.C.C. Van Hertrooij, J.W.T.M. Klein Gebbinck, T. Van der Velden-de Groot, D.J.A. Crommelin and E.C. Beuvery (The Netherlands) 143

0022-1759/89/$03.50 © 1989 Elsevier Science Publishers B.V. (Biomedical Division)

Announcement 157

Notes to authors 158

Number 2 — 30 November 1989

Research reports

Preparation of diazotized polystyrene latex and its use in agglutination assays
Y.-c. Liu, G.-j. Dong and Y.-c. Zhao (China) 159

The identification of antigens in antibody/antigen complexes using high performance liquid chromatography
Z.W. Wu and A.H. Maddy (U.K.) 165

Comparison of immunoglobulin binding capacities and ligand leakage using eight different protein A affinity chromatography matrices
P. Füglistaller (Switzerland) 171

Palmitate-derivatized antibodies can function as surrogate receptors for mediating specific cell-cell interactions
A.S. Colsky and J.S. Peacock (U.S.A.) 179

Influence of standard and novel LTB_4 analogs on human neutrophil chemotaxis measured by the multiwell cap assay
S. Psychoyos, S. Uziel-Fusi, S. Bhagwat and M.M. Morrissey (U.S.A.) 189

Development and application of monoclonal antibodies for the detection of cell infecting mycoplasmas
R. Douma, R. Dular, B.R. Brodeur and S.S. Kasatiya (Canada) 197

Glutaraldehyde fixation of the primary antibody-antigen complex on nitrocellulose paper increases the overall sensitivity of immunoblot assay
N. Ikegaki and R.H. Kennett (U.S.A.) 205

Immunological properties of multiple repeats of a linear epitope of herpes simplex virus type 1 glycoprotein D
J.R. Van der Ploeg, J.W. Drijfhout, M. Feijlbrief, W. Bloemhoff, G.W. Welling and S. Welling-Wester (The Netherlands) 211

An ELISA method for the quantification of anti-streptolysin-O antibodies
J. Moscoso del Prado and C. Serrano (Spain) 219

A new and rapid method for the selection and cloning of antigen-specific hybridomas with magnetic microspheres
J.K. Horton, O.M. Evans, K. Swann and S. Swinburne (U.K.) 225

Assessment of phagocytic activity of granulocytes using laser flow cytometry
H. Buschmann and M. Winter (F.R.G.) 231

Heat inactivation of serum potentiates anti-cardiolipin antibody binding in ELISA
H.-M. Cheng, Y.-F. Ngeow and C.-K. Sam (Malaysia) 235

Antibodies and radioimmunoassays for phosphoserine, phosphothreonine and phosphotyrosine. Serologic specificities and levels of the phosphoamino acids in cytoplasmic fractions of rat tissues
L. Levine, H.B. Gjika and H. Van Vunakis (U.S.A.) 239

Enhancement of the antigen-binding capacity of incomplete IgG antibodies to *Brucella melitensis* through Fc region interactions with staphylococcal protein A
C. Jagannath and S. Sehgal (India) 251

A comparison of competitive enzyme immunoassay and precipitin inhibition tests in the analysis of polysaccharide antigenic determinants of oral streptococci
F. Ota, K. Hirota, H. Nagamune, S. Senesi, Y. Satomi, M. Yasuoka, Y. Akiyama, K. Fukui and T. Kawata (Japan, Italy) 259

Oxygen-independent antimicrobial action in sphingosine-treated neutrophils
P. Stinavage and J.K. Spitznagel (U.S.A.) 267

Development and characterization of monoclonal antibodies with specificity for metallic radioisotope chelators linked to antibodies and other proteins
R.W. Gillette, J. Singleton, A. Janowicz and S.C. Gilman (U.S.A.) 277

Letters to the editors

ELISA methods for the estimation of C3d
G. Senaldi, M. Peakman and D. Vergani (U.K.) 283

Reply to the letter of Senaldi et al.
S.S. Asghar, B. Schraag, G.T. Venneker and M. Van Meegen (The Netherlands) 285

A new method for identification of antigen specificity of monoclonal antibodies against soluble antigens. Immunoenzymatic staining of precipitin lines in agarose gel
T. Okuda (Japan) 287

Failure of water to lyse polymorphonuclear neutrophils completely. Role of pH and implications for assessment of bacterial killing
R.A. Gargan, W. Brumfitt and J.M.T. Hamilton-Miller (U.K.) 289

Corrigendum
Determination of intrinsic association constant of mouse monoclonal IgM antibody to human hepatitis B surface antigen
Y.D. Kim, R.C. Hu and L.T. Mimms (U.S.A.) 293

Book reviews 295

Contents to volume 124 (1989) 297

Notes to authors 300